(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

CORRECTED VERSION

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 24 July 2003 (24.07.2003)

PCT

(10) International Publication Number WO 2003/059376 A1

A61K 38/20, (51) International Patent Classification⁷: 38/17, 35/30, A61P 25/00, 25/16, 25/28

(21) International Application Number:

PCT/IL2002/001058

(22) International Filing Date:

31 December 2002 (31.12.2002)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

147412

31 December 2001 (31.12.2001) IL

- (71) Applicant (for all designated States except US): YEDA RESEARCH AND DEVELOPMENT CO. LTD. [II./IL]; At Weizmann Institute of Science, P.O.Box 95, 76100 Rehovot (IL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): REVEL, Michel [IL/IL]; Beit Brazil 5, Weizmann Institute of Science, 76100 Rehovot (IL). CHEBATH, Judith [IL/IL]; 13 Miller St., 76284 Rehovot (IL). LEVY, Alon [IL/IL]; 16a Yaakov Cohen St., Ramat Hasharon, 47213 (IL). HAGGIAG, Shalom [IL/IL]; 4/16 Simtat Rachel, 76247 Rehovot (IL). ZHANG, Peilin [CN/IL]; Molecular Genetics Dept., Weizmann Institute, 76100 Rehovot (IL).
 - (74) Agent: EINAV, Henry; Inter- Lab Ltd., Science based industrial park, 76110 Ness Ziona (IL).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

- (88) Date of publication of the revised international search report: 9 October 2003
- (48) Date of publication of this corrected version:

5 August 2004

(15) Information about Corrections:

see PCT Gazette No. 32/2004 of 5 August 2004, Section II **Previous Correction:**

see PCT Gazette No. 41/2003 of 9 October 2003, Section II

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: THE USE OF IL6R/IL6 CHIMERA IN NERVE CELL REGENERATION

IL6RIL6 Krox-20 Po **MBP GFAP** G3PDH

(57) Abstract: The present invention provides for the use of IL6R/IL6 chimera for the manufacture of medicaments for the treatment of neurological diseases and disorders.